

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12

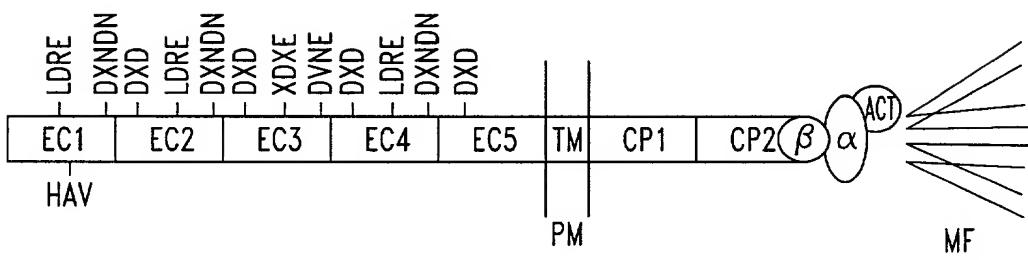


Fig. 1

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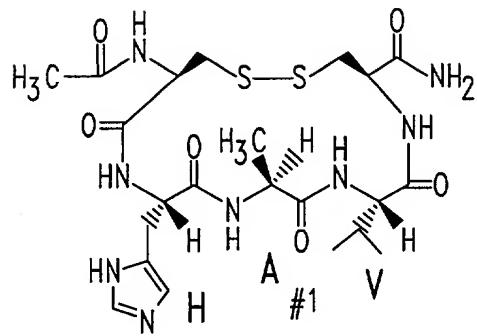
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mouse N-cad DWVIPPINPENSRGFPQELVRIRSORDKNSLRYSVTGPGADQPPPTGIFIINPIISGQLSVTKPLDREL
Cow N-cad DWVIPPINPENSRGFPQELVRIRSORDKNSLRYSVTGPGADQPPPTGIFIINPIISGQLSVTKPLDREL
human P-cad DWVVAPISPENGKGPFPQRLNQLSNKDRDTKIFYSIITGPGADSPEGVFAVEKETGWLLINKPLDRE
mouse P-cad EWVMPPIFVPENGKGPFPQRLNQLSNKDRGTKIFYSIITGPGADSPEGVFTIEKGWLLLHMPLDREK
human E-cad DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVVFYSITGQGADETPVGVFIIERETGWLKVTEPLDRER
mouse E-cad DWVIPPISCPENEKGPFPKNLVQIKSNRDKETKVVFYSITGQQGADKPPVGVFIIERETGWLKVTOPLDREA

human N-cad IARFHLLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF
mouse N-cad IARFHLLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF
Cow N-cad IAKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPKF
human P-cad IVKYELYGHAVSENGASVEEPMNISIIVTDQNDNKPKF
mouse P-cad IATYTLFSHAVSSNGNAVEDPMELITVTDQNDNKPEF
human E-cad IAKYILYSHAVSSNGEAVEDPMEVIVTVTDQNDNRPEF
mouse E-cad

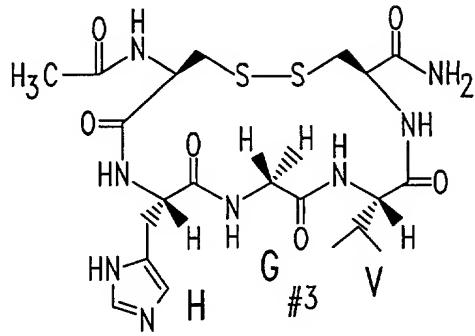
Fig. 2

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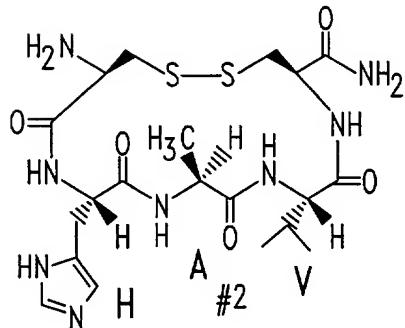
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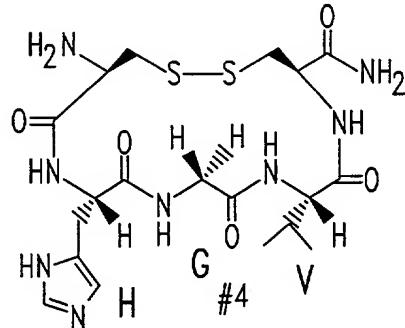
N-Ac-CHAVC-NH₂



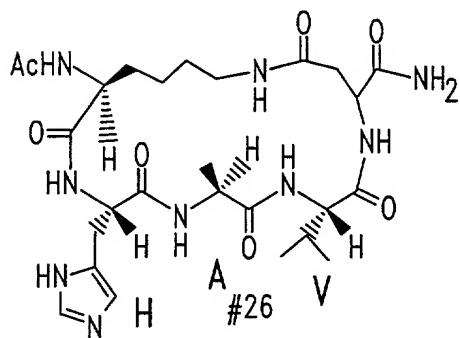
N-Ac-CHGVC-NH₂



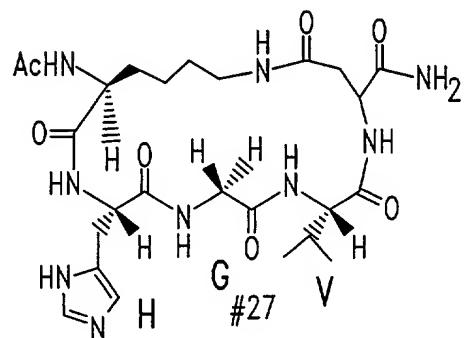
H-CHAVC-NH₂



H-CHGVC-NH₂



N-Ac-KHAVD-NH₂



N-Ac-KHGVD-NH₂

Fig. 3A

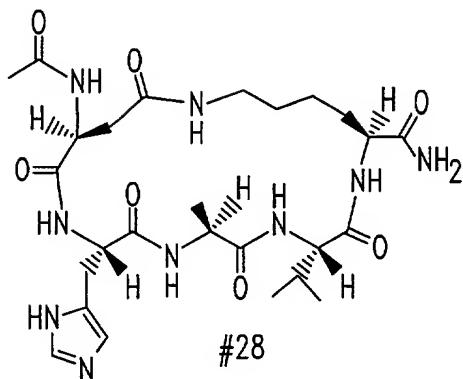
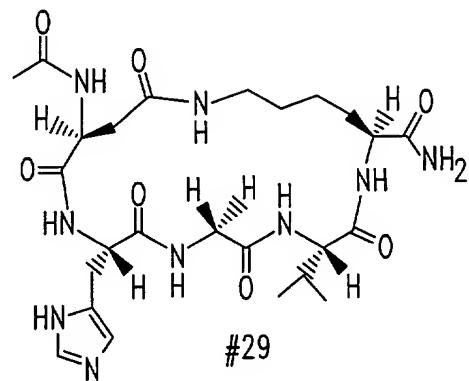
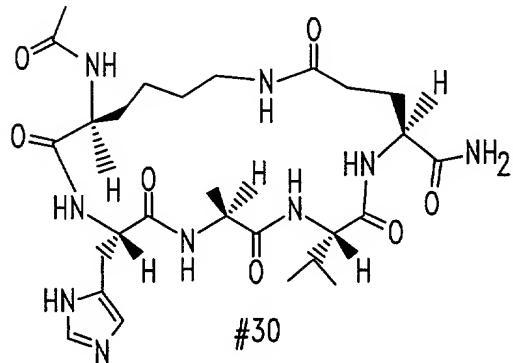
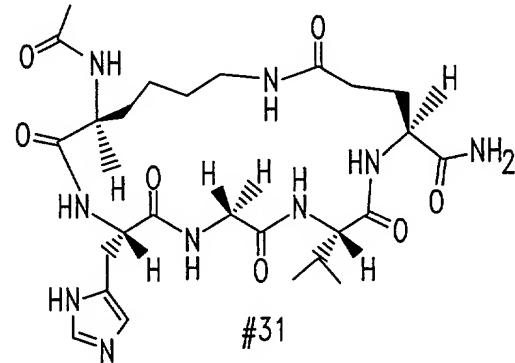
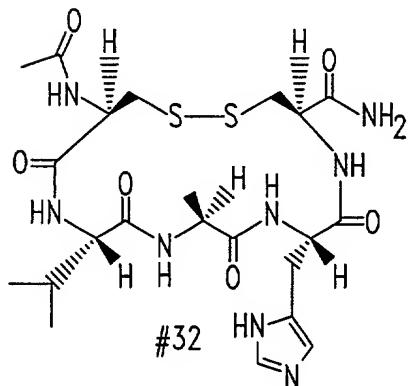
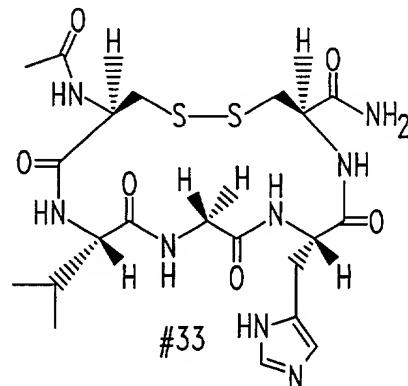
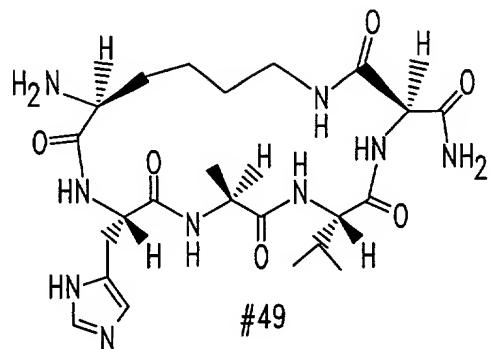
N-Ac-DHAVK-NH₂N-Ac-DHGVK-NH₂N-Ac-KHAVE-NH₂N-Ac-KHGVE-NH₂N-Ac-CVAHC-NH₂N-Ac-CVGHC-NH₂

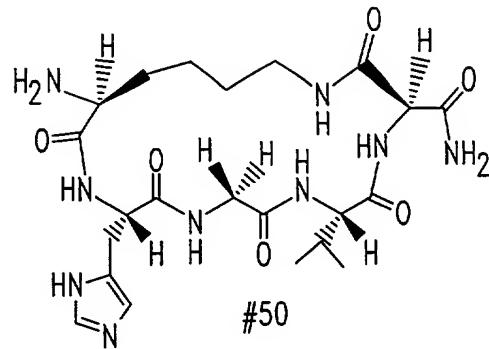
Fig. 3B

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

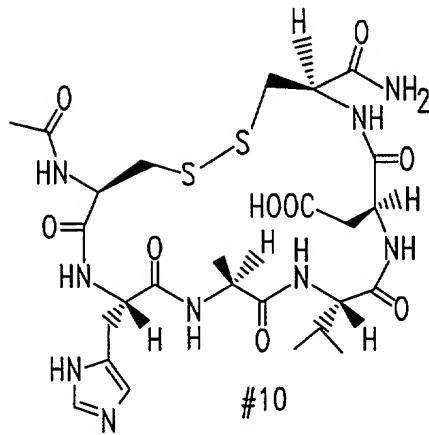
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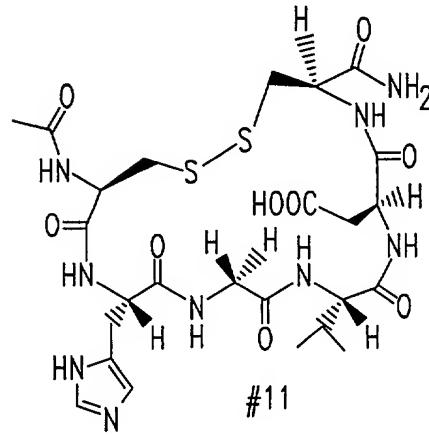
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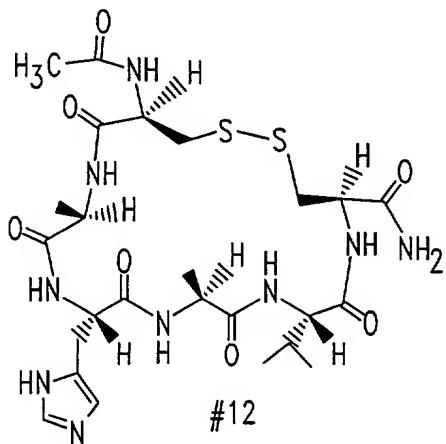
H-KHGVD-NH₂



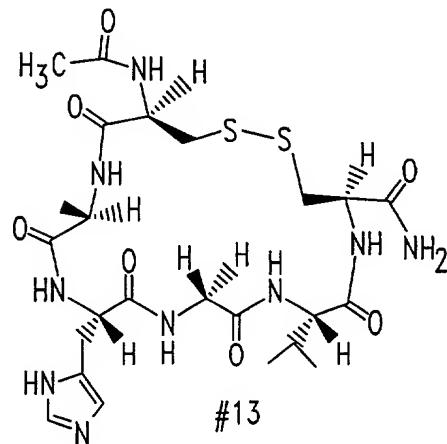
N-Ac-CHAVDC-NH₂



N-Ac-CHGVDC-NH₂

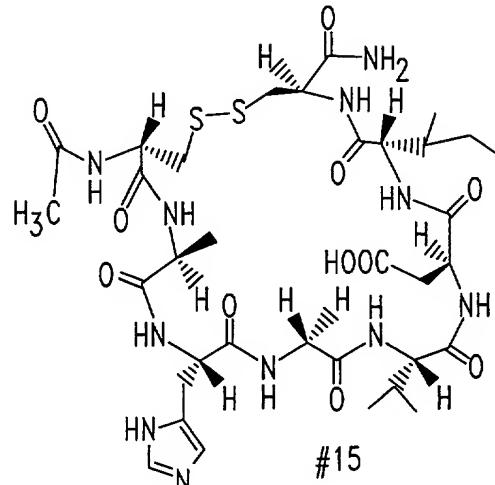
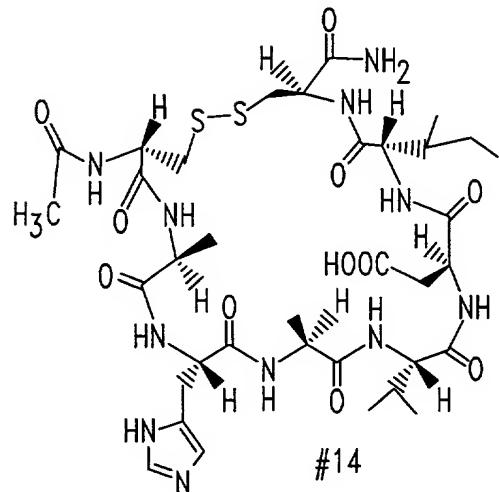
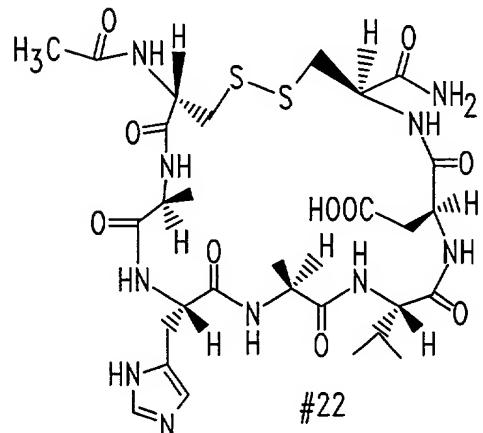
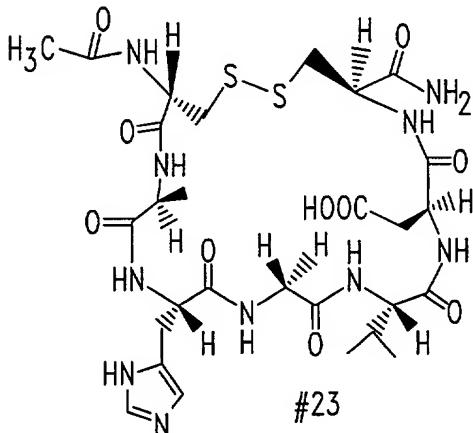
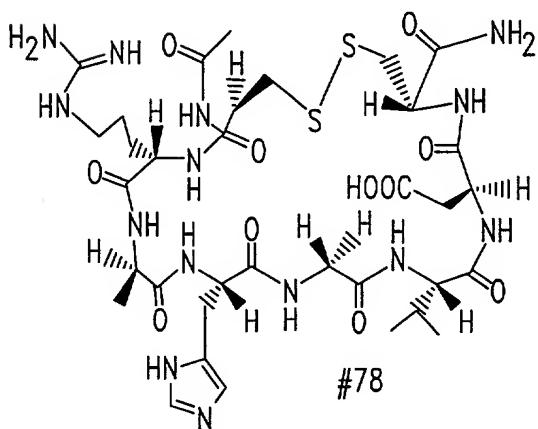
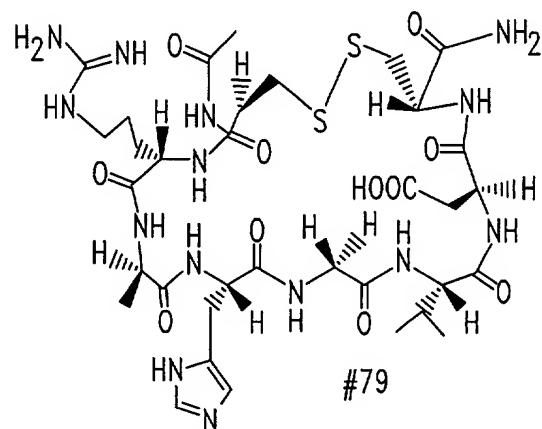


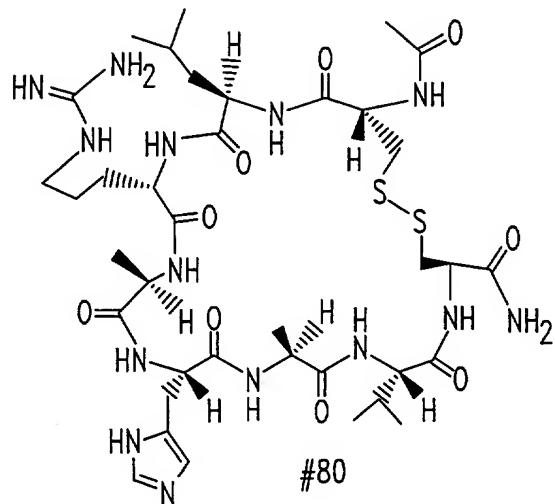
N-Ac-CAHAVC-NH₂



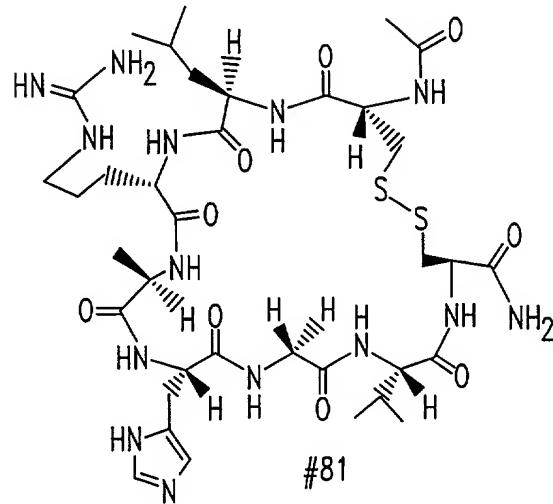
N-Ac-CAHGVC-NH₂

Fig. 3C

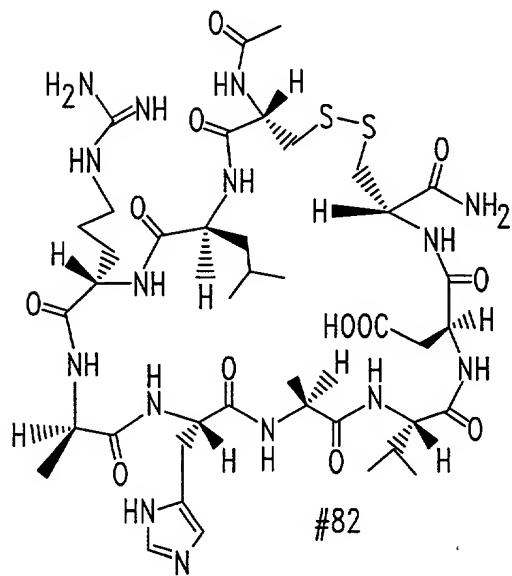
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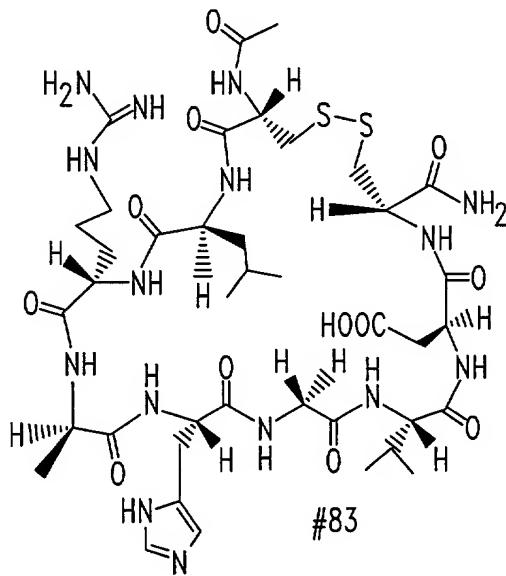
N-Ac-CLRAHAVC-NH₂



N-Ac-CLRAHGVC-NH₂

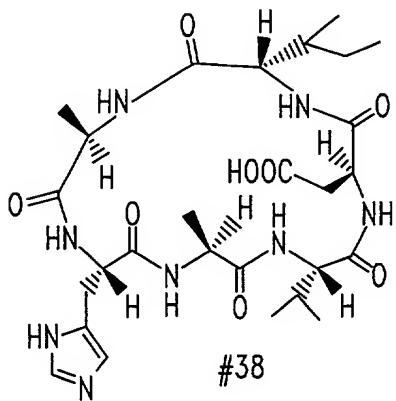
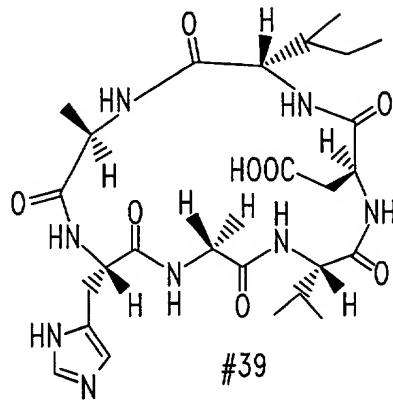
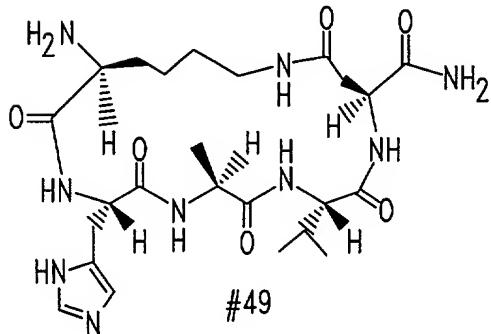
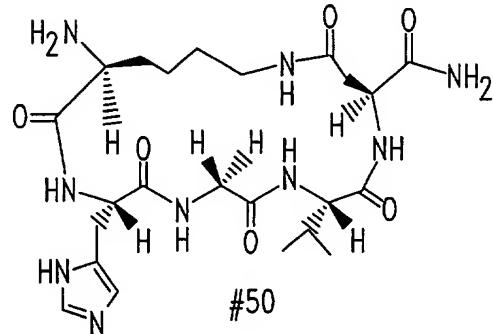
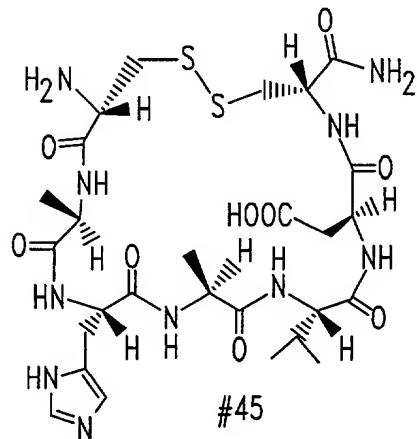
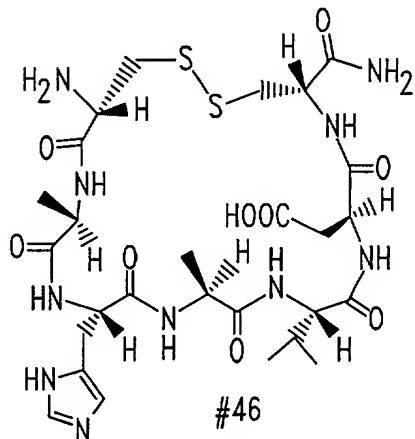


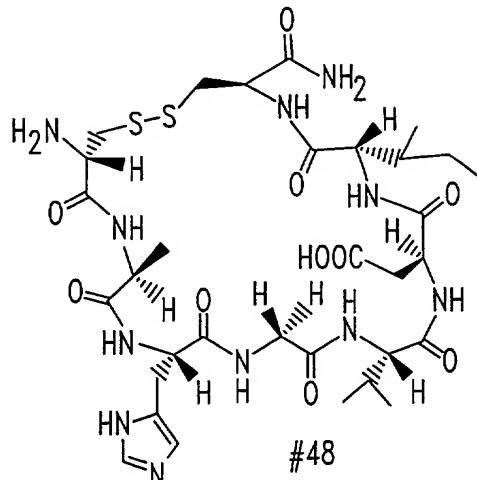
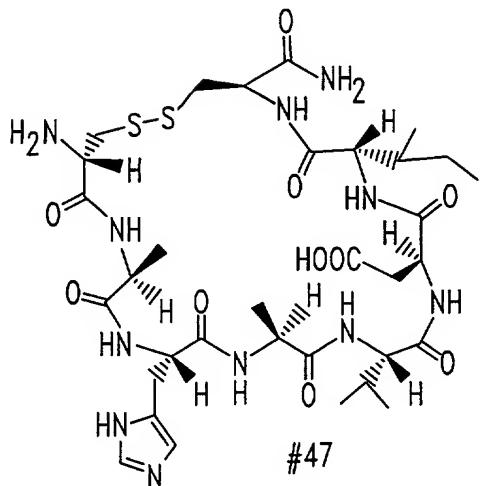
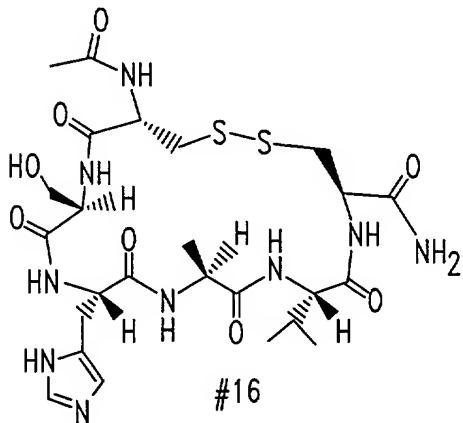
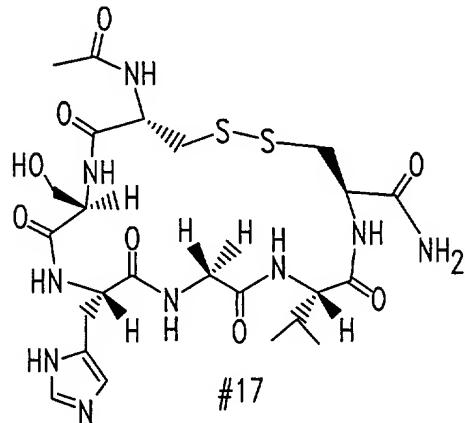
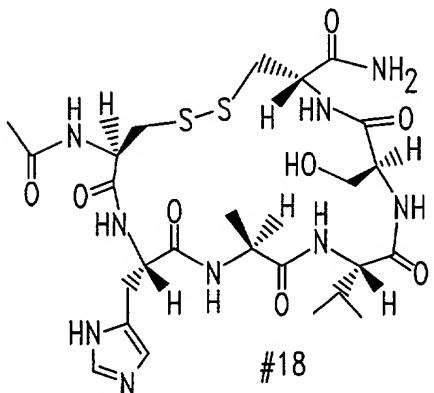
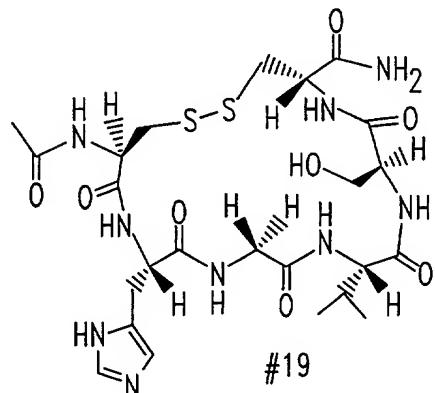
N-Ac-CLRAHAVDC-NH₂



N-Ac-CLRAHGVD-NH₂

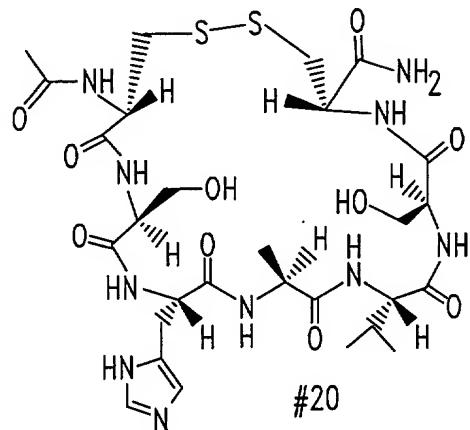
Fig. 3E

AHAVDIAHGVDIH-KHAVD-NH₂H-KHGVD-NH₂H-CAHAVDC-NH₂H-CAHGVD-C-NH₂*Fig. 3F*

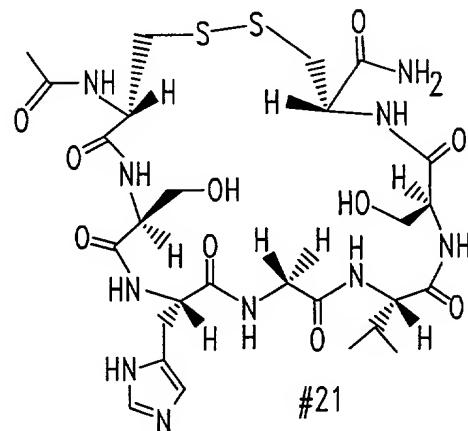
H-CAHAVDIC-NH₂H-CAHGVDIC-NH₂N-Ac-CSHAVC-NH₂N-Ac-CSHGVC-NH₂N-Ac-CHAVSC-NH₂*Fig. 3G*N-Ac-CHGVSC-NH₂

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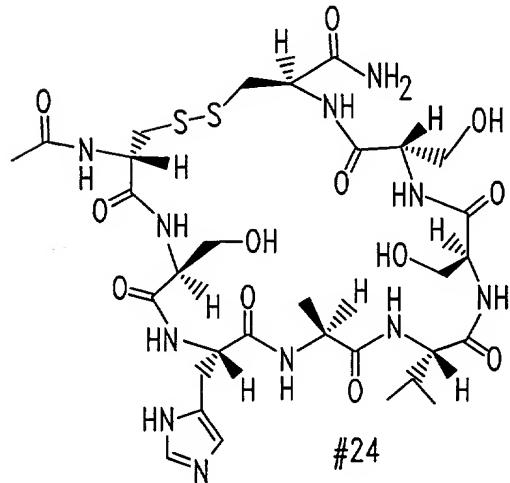
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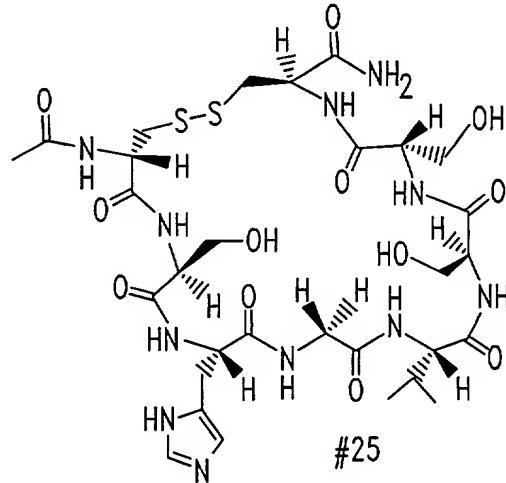
N-Ac-CSHAVSC-NH₂



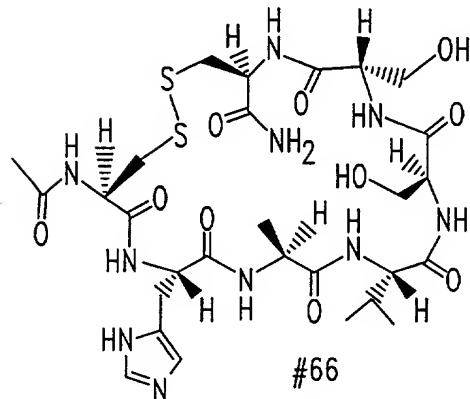
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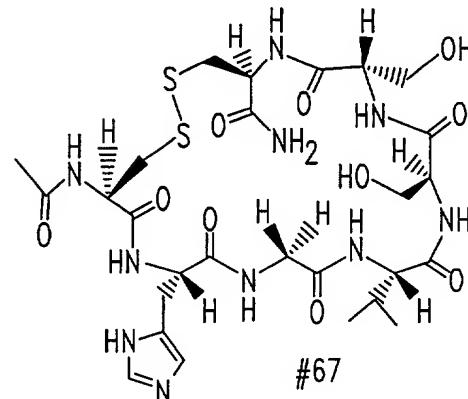
N-Ac-CSHAVSSC-NH₂



N-Ac-CSHGVSSC-NH₂



N-Ac-CHAVSSC-NH₂

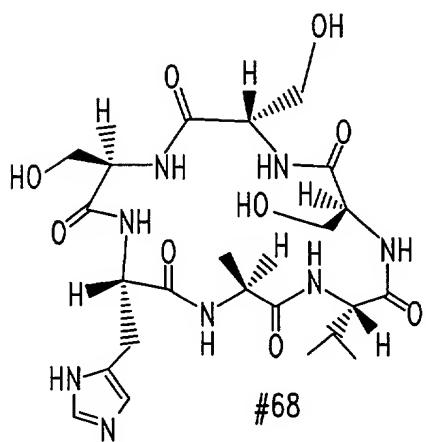


N-Ac-CHGVSSC-NH₂

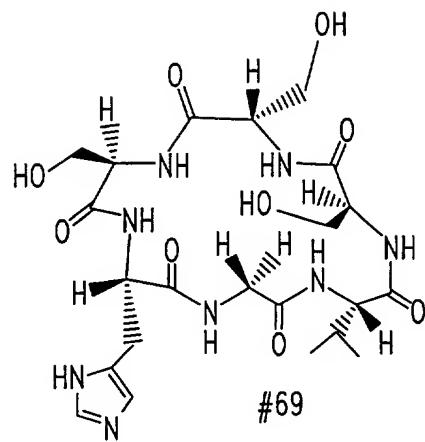
Fig. 3H

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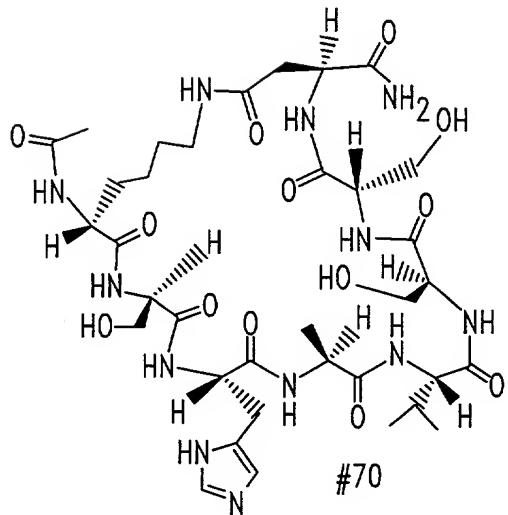
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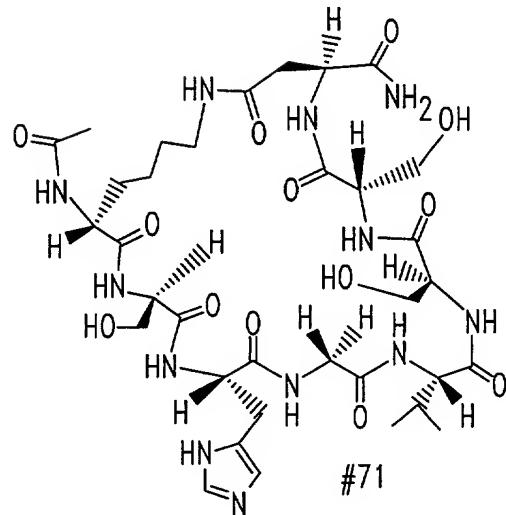
SHAVSS



SHGVSS



N-Ac-KSHAVSSD-NH₂



N-Ac-KSHGVSSD-NH₂

Fig. 3I

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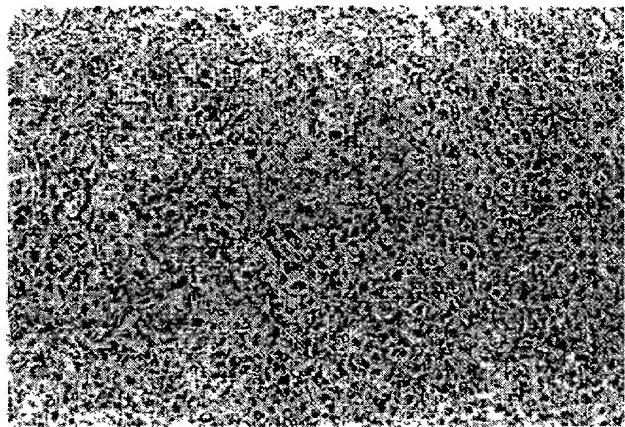


Fig. 4A

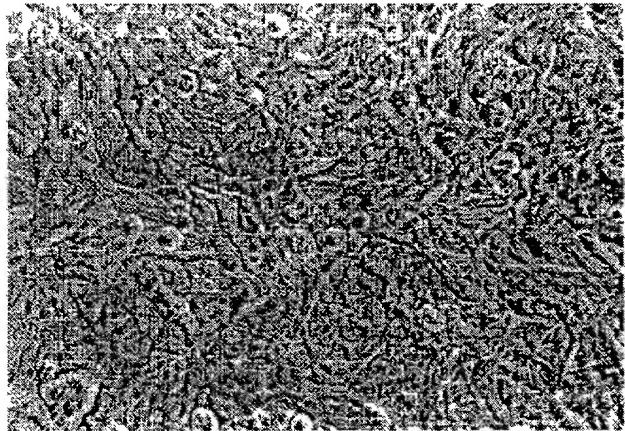


Fig. 4B

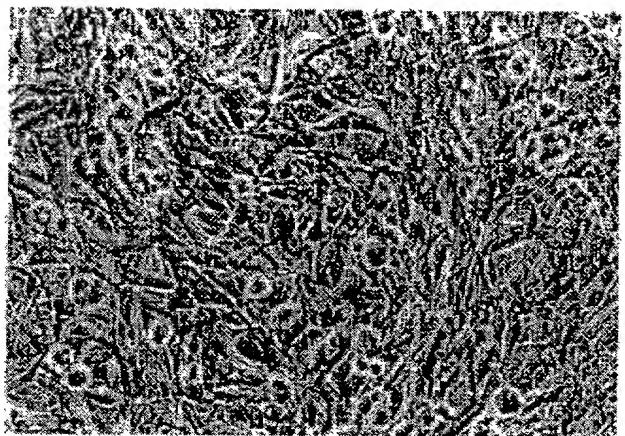


Fig. 4C

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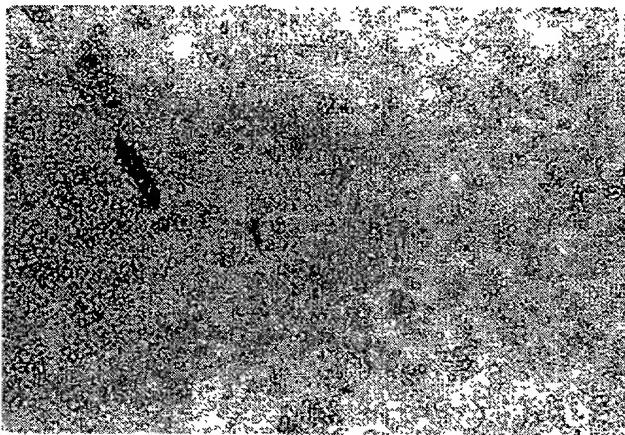


Fig. 4D

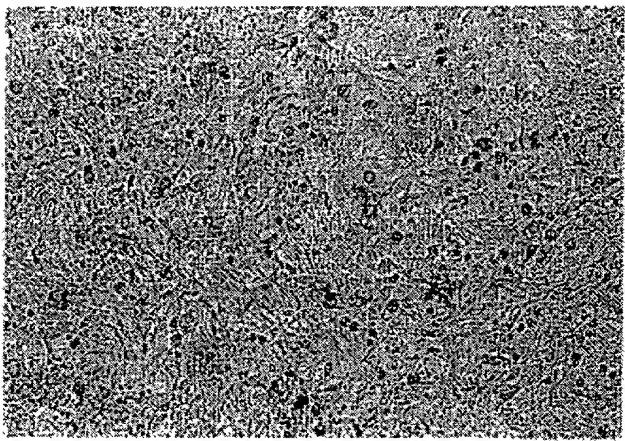


Fig. 4E

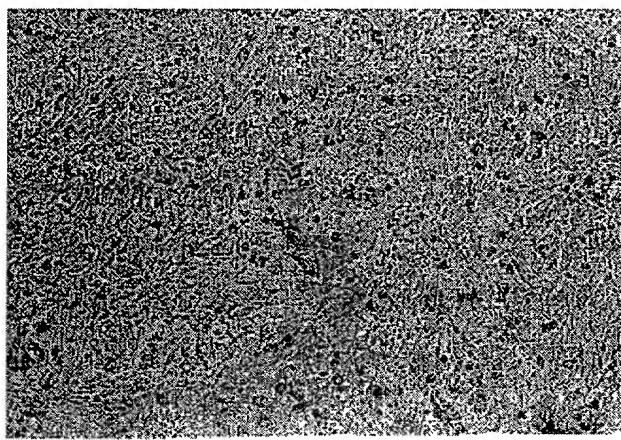


Fig. 4F

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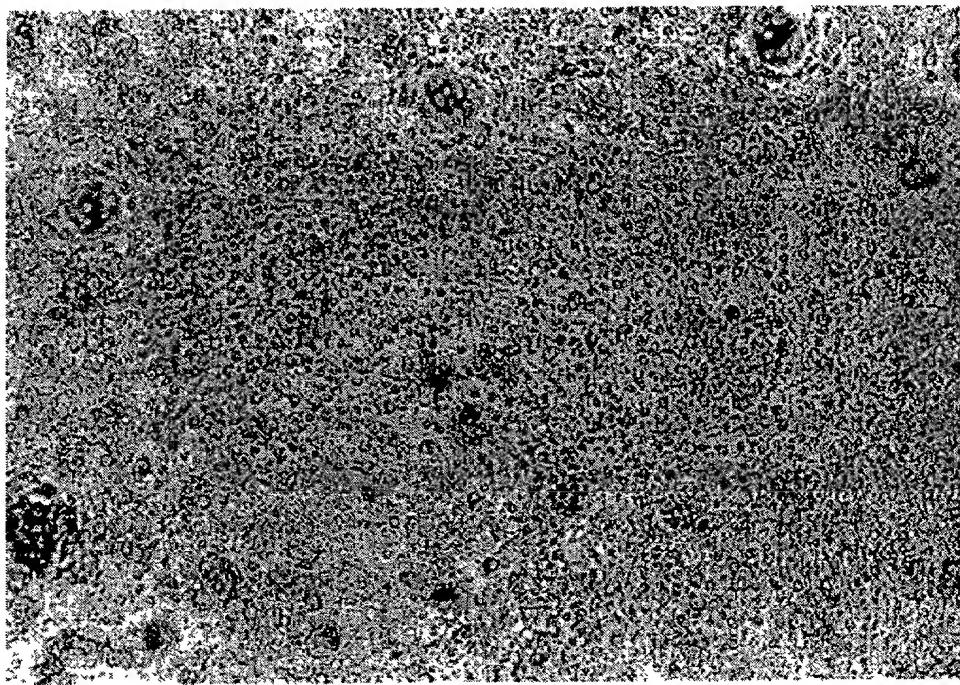


Fig. 5A

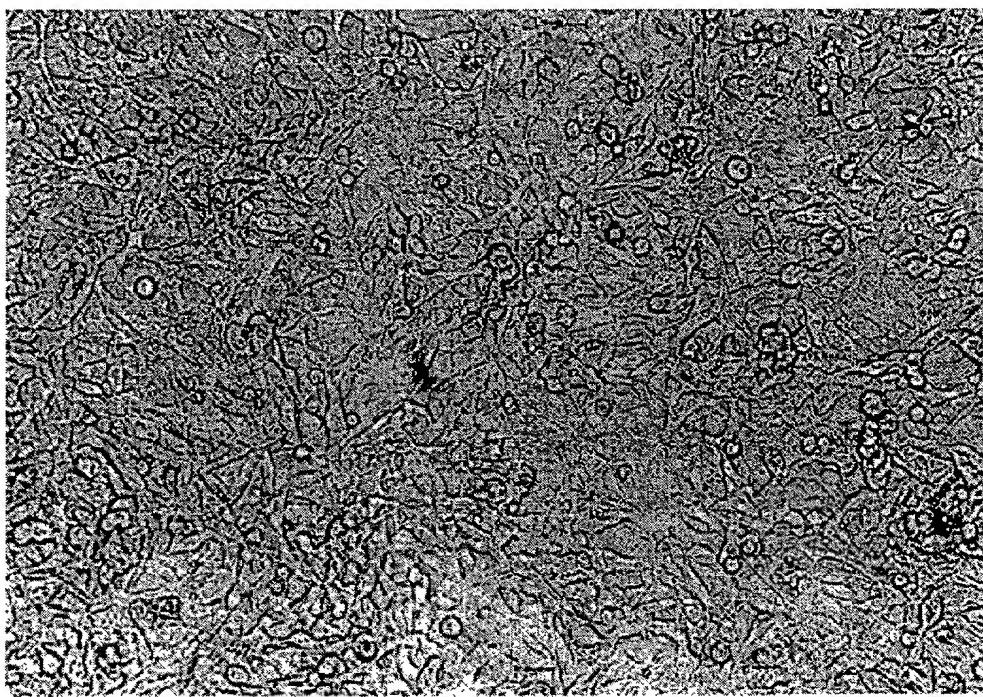


Fig. 5B

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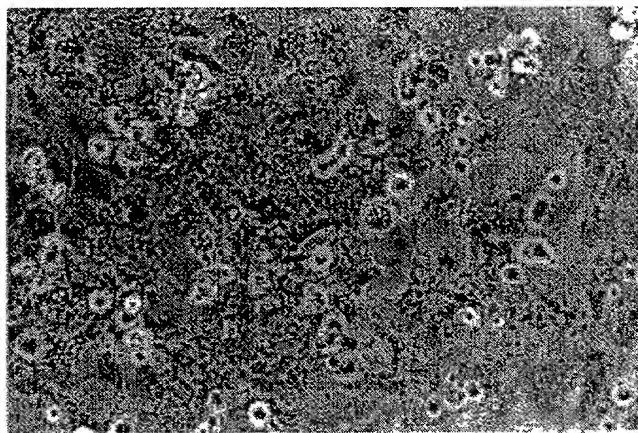


Fig. 6A

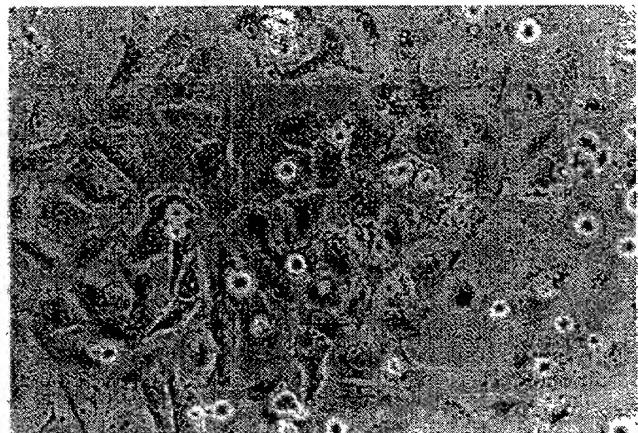


Fig. 6B

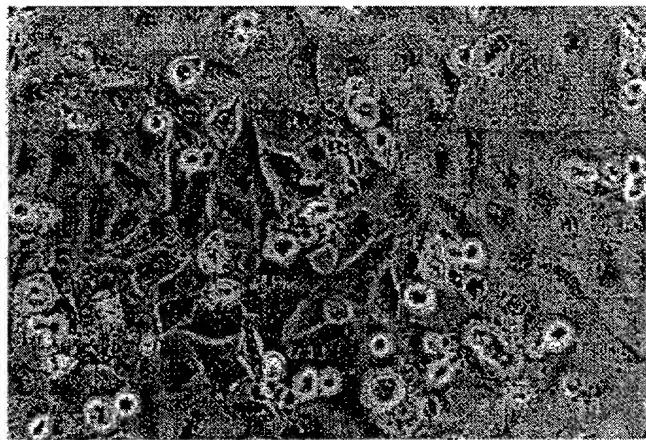


Fig. 6C

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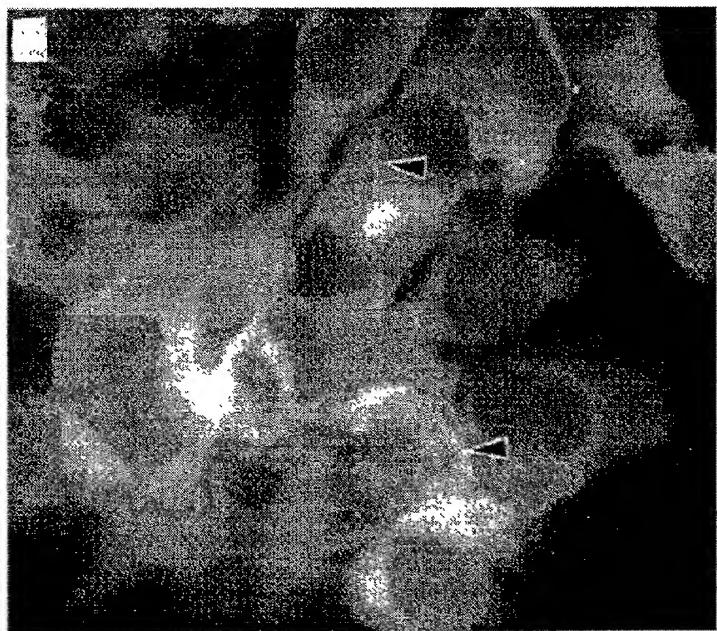


Fig. 7A

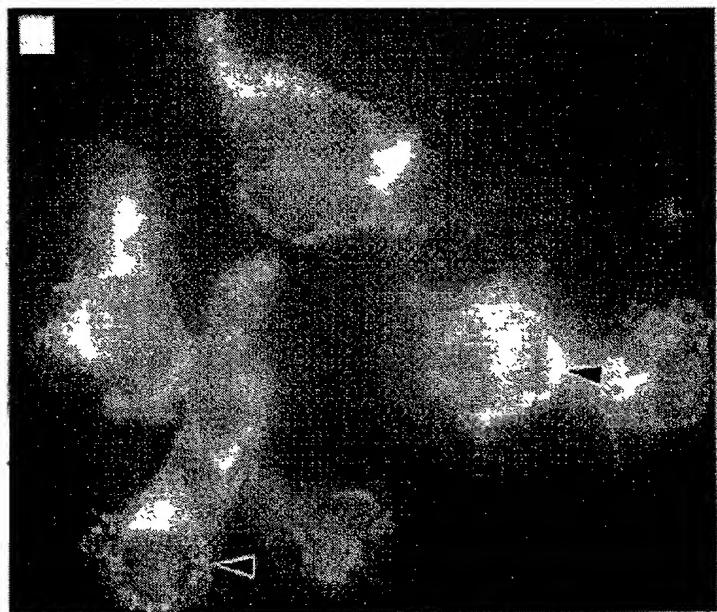


Fig. 7B

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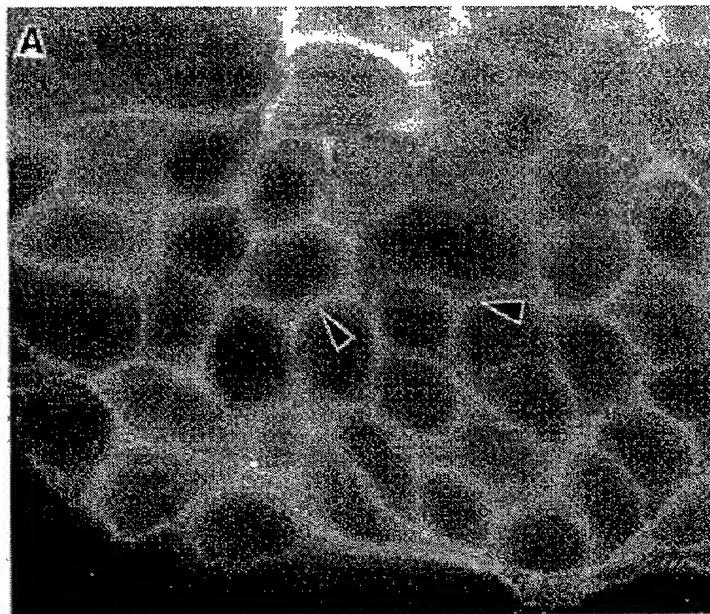


Fig. 8A

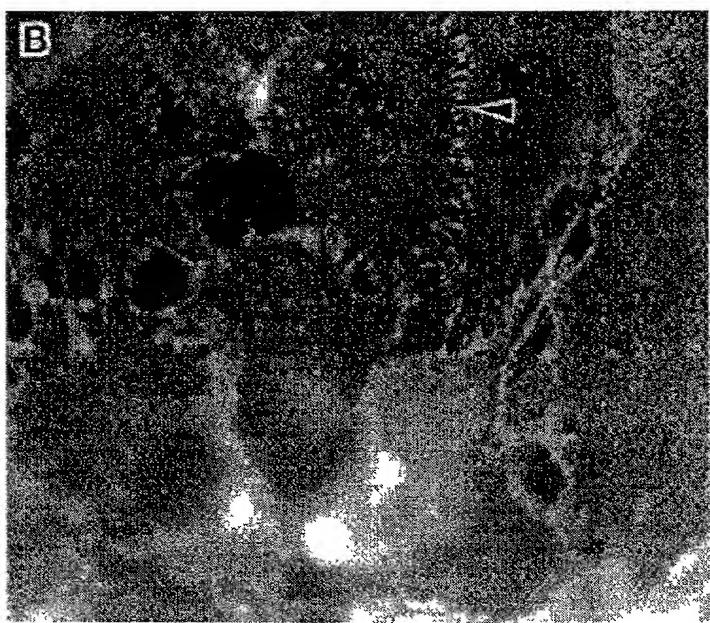


Fig. 8B

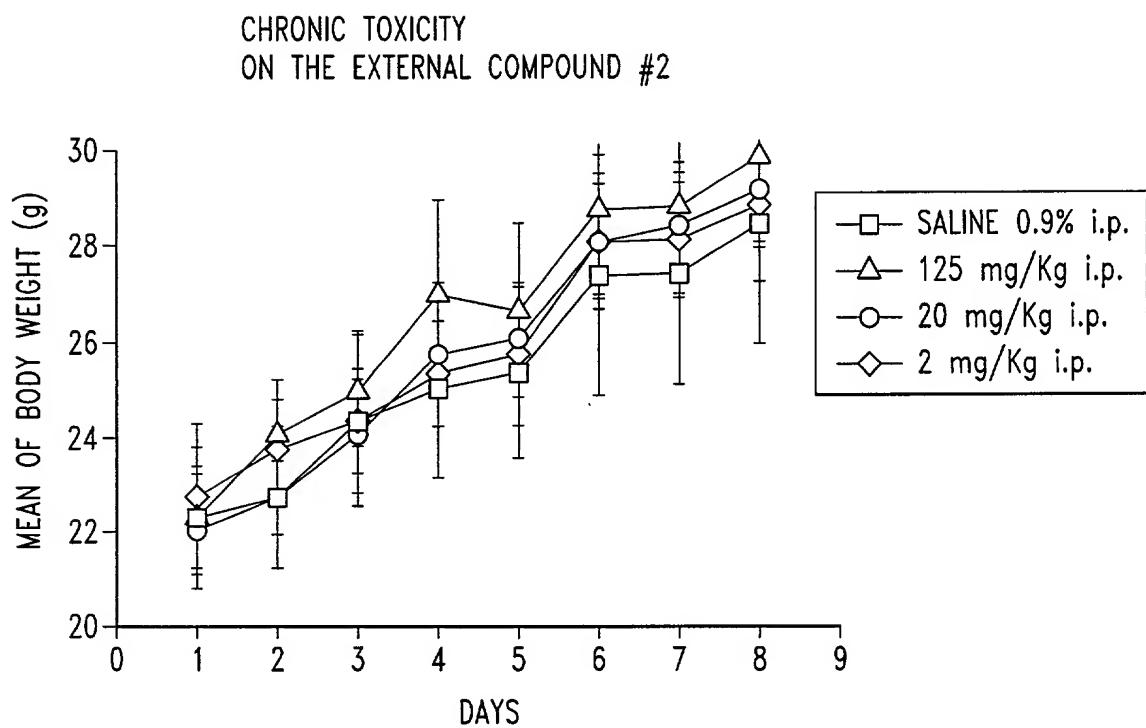


Fig. 9

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STABILITY IN MOUSE WHOLE BLOODS FOR CANCER (2)

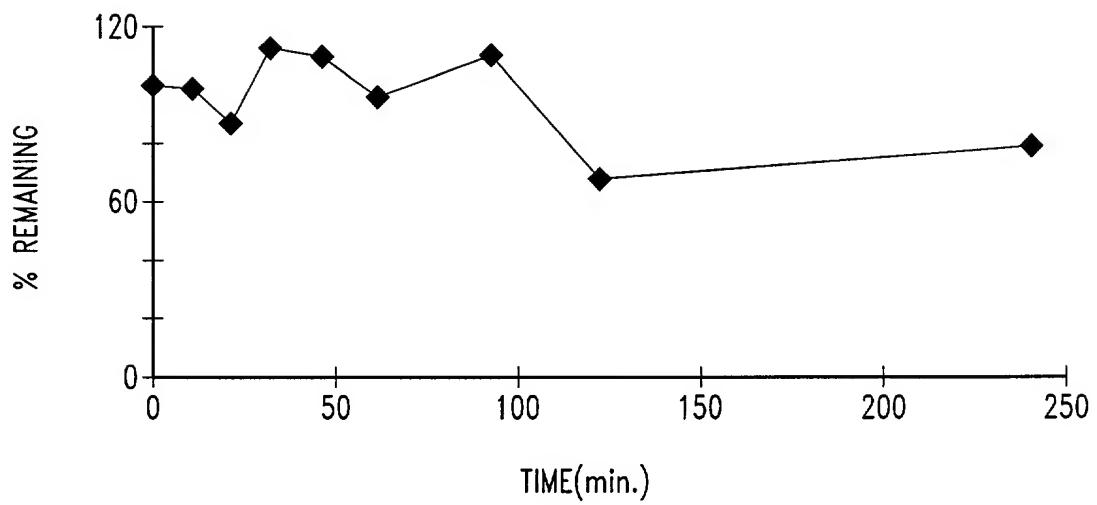


Fig. 10

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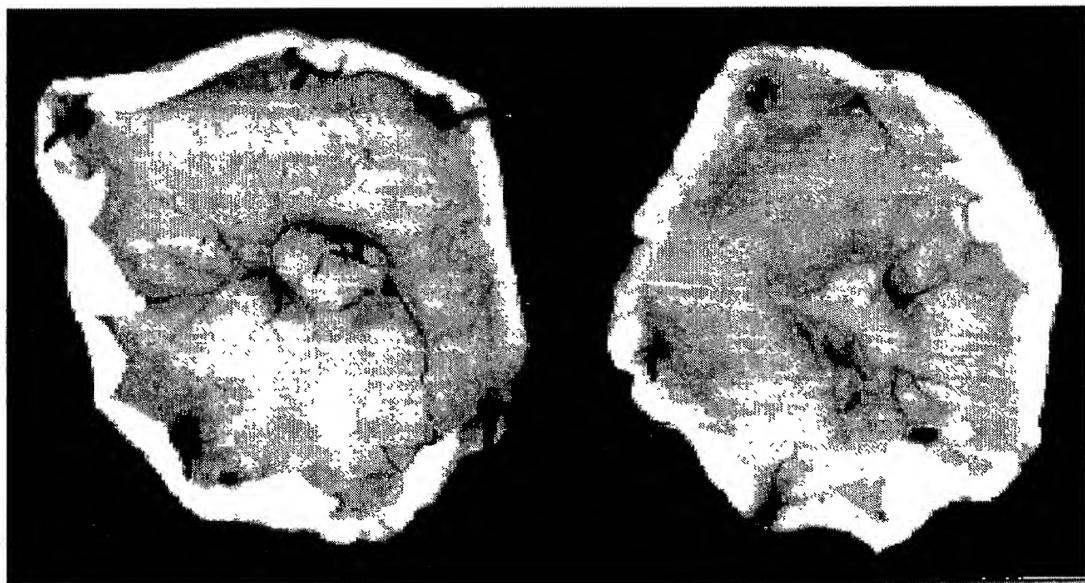


Fig. 11A

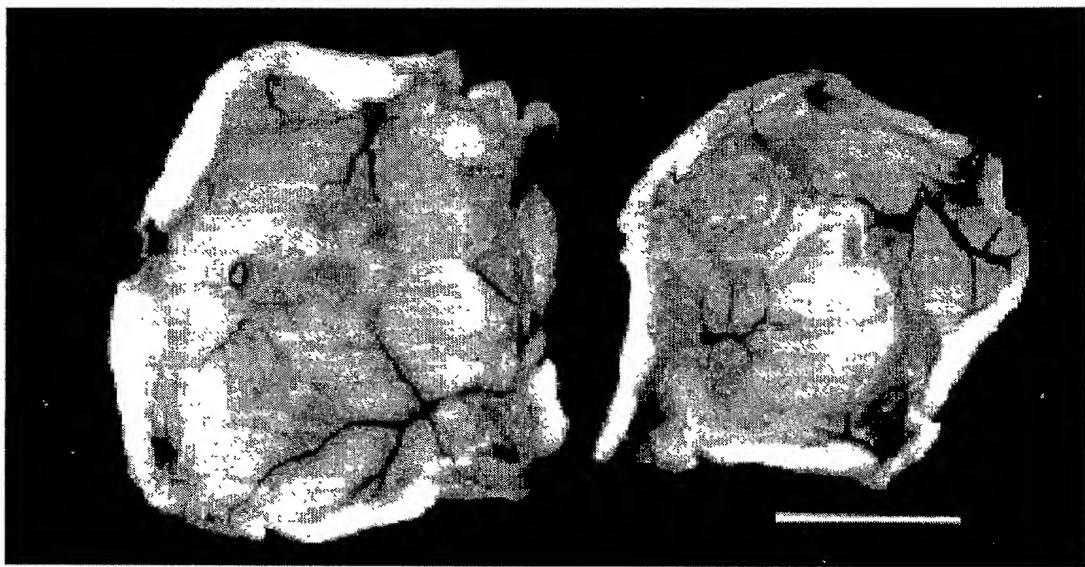


Fig. 11B

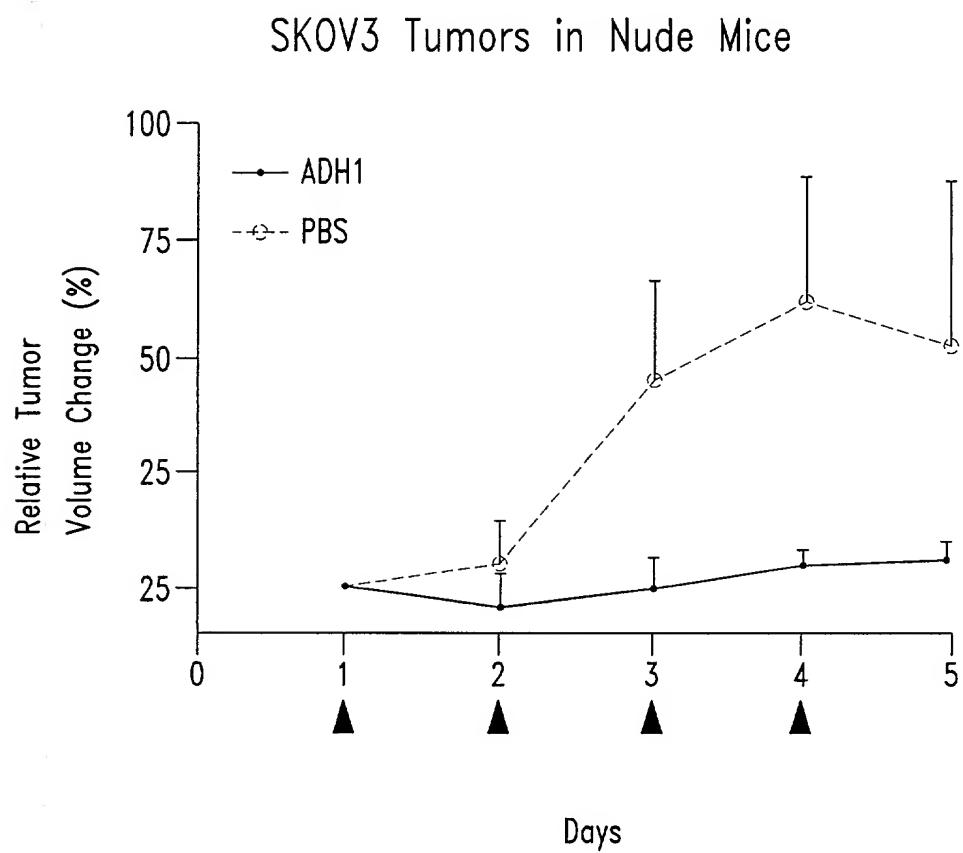
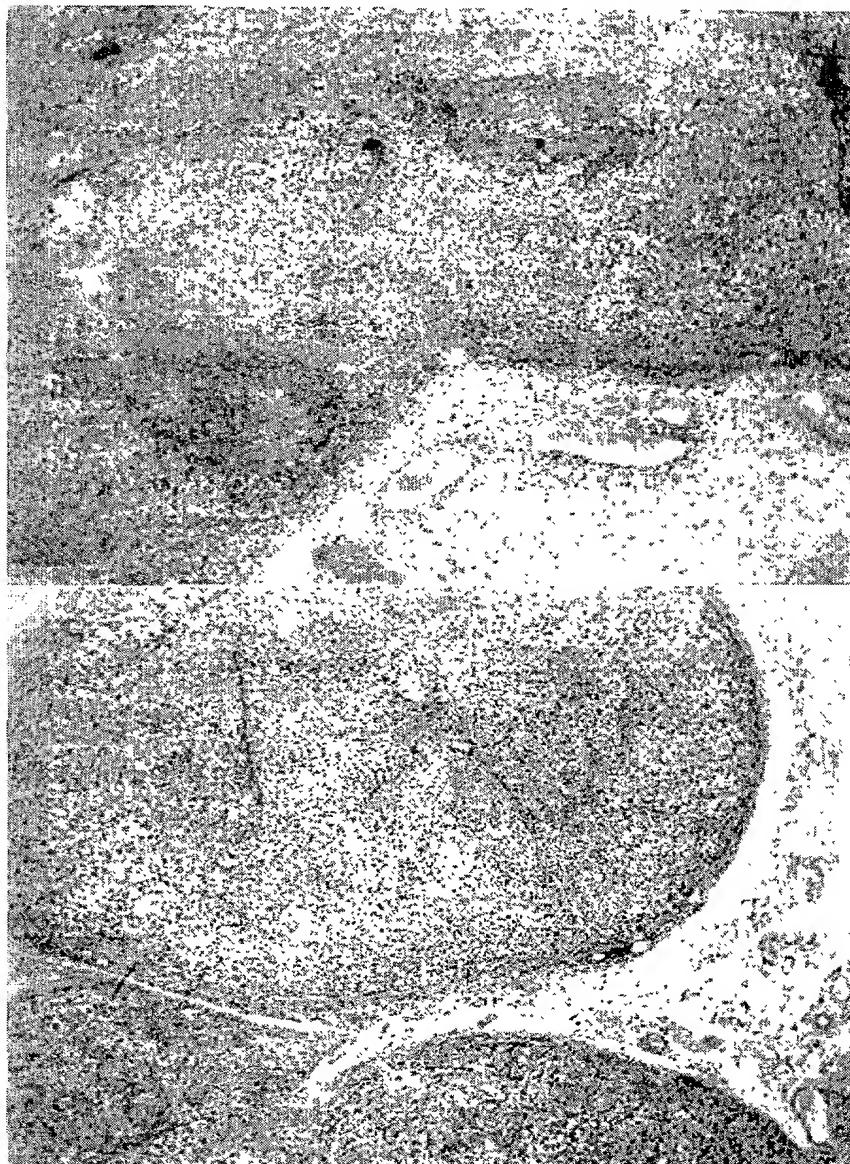


Fig. 12

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ADH1 (2mg/kg) killed after 5 days



control

Fig. 13A

Fig. 13B

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Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12

ADH1 (2mg/kg) killed after 5 days

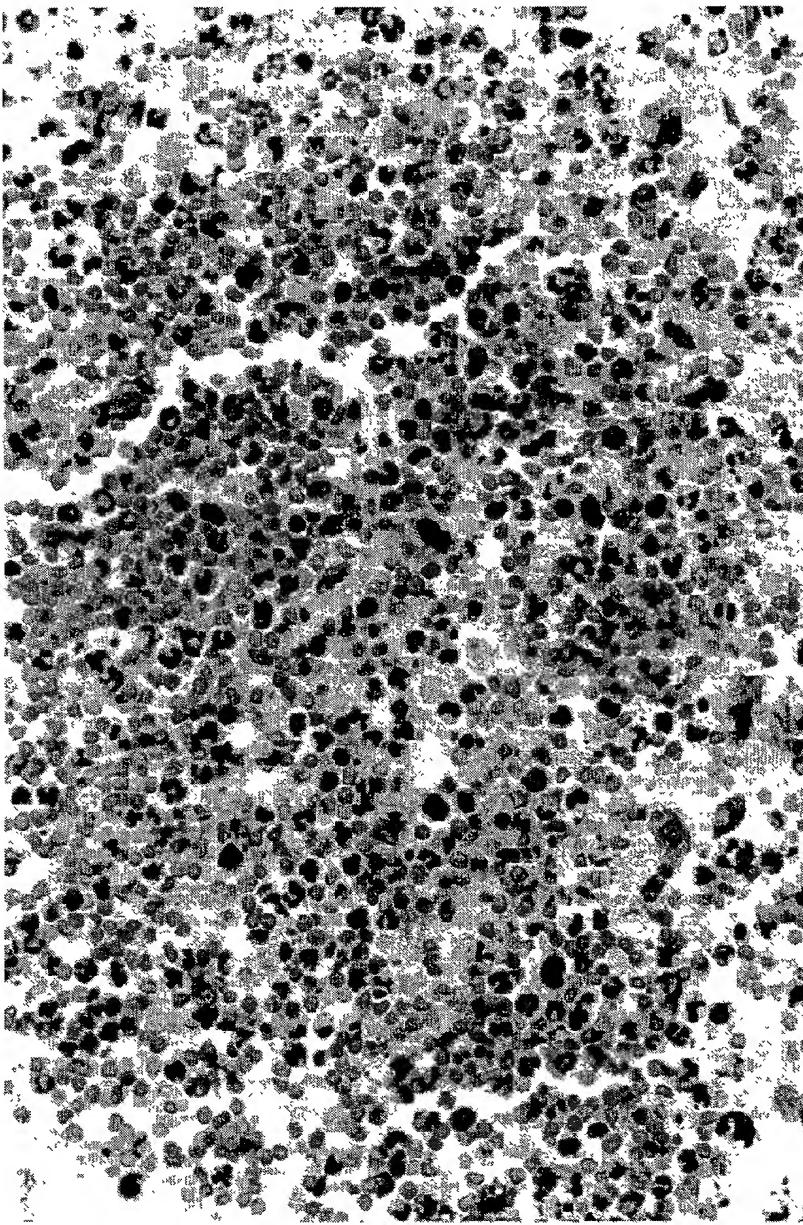


Fig. 14

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12

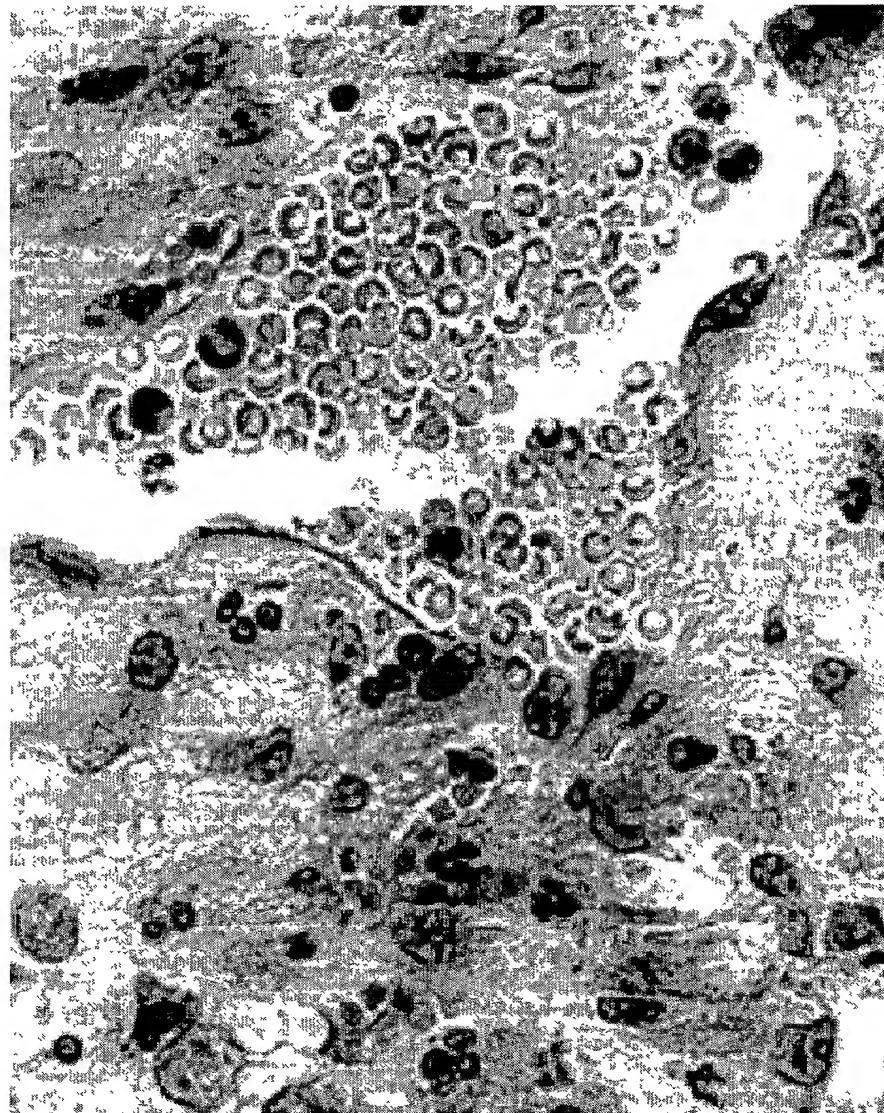


Fig. 15

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12



Fig. 16

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12

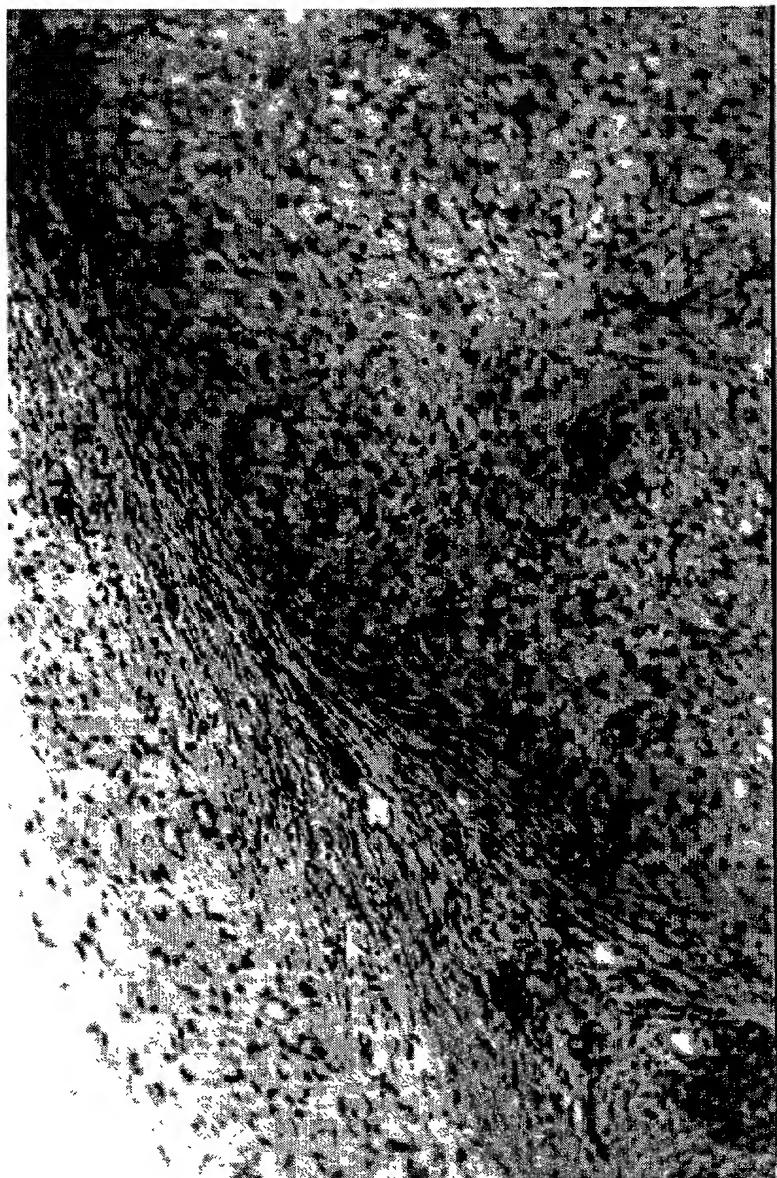


Fig. 17

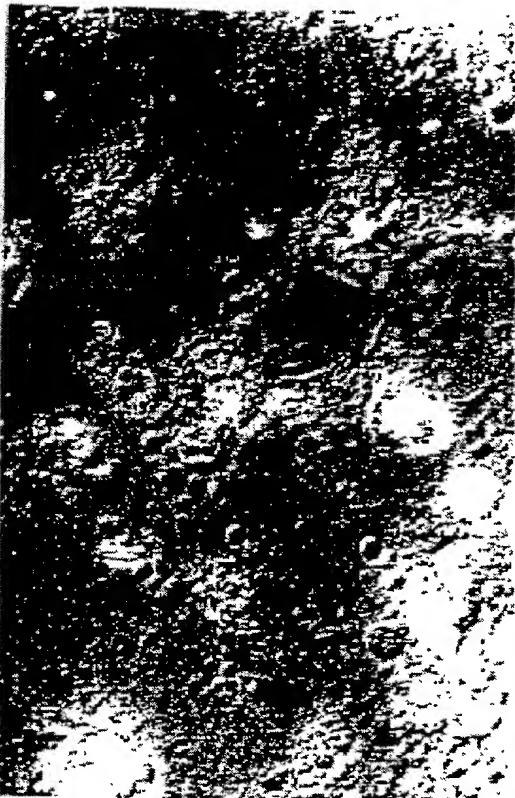


Fig. 18B



Fig. 18D



Fig. 18A



Fig. 18C

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12

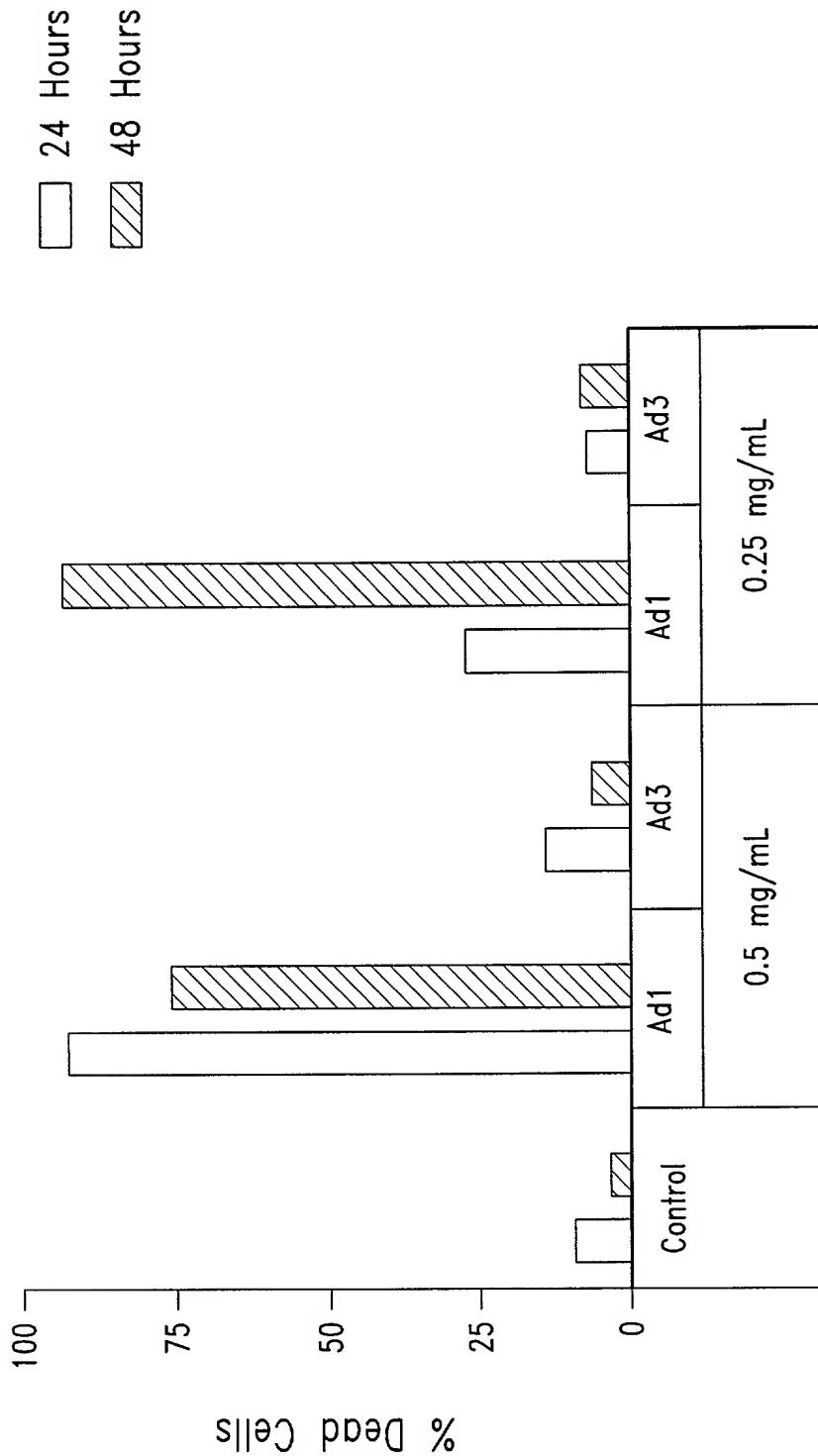


Fig. 19